# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# **Nutri - Topics**

Food and Nutrition Information Center National Agricultural Library 10301 Baltimore Boulevard Beltsville, MD 20705

Educator

ISSN: 1053-8895

93-E1

# **Food Composition**

## Books and Miscellaneous Publications (in order by year)

Bowes and Church's Food Values of Portions Commonly Used. 16th ed. Jean A.T. Pennington. Philadelphia, PA: Lippincott. 1992.

Encyclopedia of Food Values. Connie T. Netzer. New York, NY: Dell Publishing. 1992. 805 pp.

Nutrient Data Bank Directory. 8th ed. Jack L. Smith. Newark, DE: University of Delaware. Available from: University of Delaware, Dept. of Nutrition and Dietetics, Alison Hall, Newark, DE 19715-3360. 1992. 45 pp.

The Complete Book of Food Counts. 2nd ed. Corinne T. Netzer. New York, NY: Dell Publishing. 1991. 616 pp.

The Complete Revised and Updated Fast-Food Guide: What's Good, What's Bad, and How to Tell the Difference. Michael Jacobson and Sarah Fritschner. New York, NY: Workman Pub. 1991. 333 pp.

Convenience Food Facts: Help for Planning Quick, Healthy, and Convenient Meals. 3rd ed. Arlene Monk and Marion J. Franz. Minneapolis, MN: International Diabetes Center. 1991. 457 pp.

The resources listed are judged to be available and accurate. Opinions expressed in the publications do not necessarily reflect the views of the U.S. Department of Agriculture. *Nutri-Topics* replaces the FNIC *Pathfinder* series and is issued in three editions: Consumer, Educator, and Health Professional/Researcher.



McCance and Widdowson's the Composition of Foods. 5th ed. B. Holland, et al. Cambridge: UK. Royal Society of Chemistry. 1991. 462 pp.

Nutritional Cereal Counter; Over 250 Ready-to-Eat Cereals. St.Paul, MN: Product Information and Analysis. 3rd Quarter, 1991- . Revised quarterly.

Food Finder. 2nd ed. Elizabeth S. Hands. Salem, OR: ESHA Research. 1990. 244 pp.

#### U.S. Government Publications

Microcomputer Software Collection. Natalie Updegrove. Beltsville, MD: National Agricultural Library. December 1992. 58 pp.

To purchase the publications listed below, contact a local Government Printing Office or contact: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. (202) 783-3238. These publications are also available in machine-readable form.

Composition of Foods... Raw, Processed, Prepared. U.S. Dept. of Agriculture, Human Nutrition Information Service. Washington, DC: U.S. Government Printing Office. 1976-. 21 vols. and supplements 1989-91. (Agriculture Handbook AH-8-1 through AH-8-21, 1989 Suppl., 1990 Suppl., 1991 Suppl.)

AH-8-1	Dairy and Egg Products	158 pp.	Rev. 1976	
	Linda P. Posati, Martha Louise Orr			
AH-8-2	Spices and Herbs	51 pp.	Rev. 1977	
	Anne C. Marsh, Mary K. Moss, Elizabeth V	V. Murphy		
AH-8-3	Baby Foods	255 pp.	Rev. 1978	
	Susan E. Gebhardt, Rena Cutrufelli, Ruth I	I. Matthews		
AH-8-4	Fats and Oils	142 pp.	Rev. 1979	
	James B. Reeves III, John L. Weihrauch			
AH-8-5	Poultry Products	330 pp.	Rev. 1979	
	Linda P. Posati			
AH-8-6	Soups, Sauces, and Gravies	228 pp.	Rev. 1980	
	Anne C. Marsh			
AH-8-7	Sausages and Luncheon Meats	92 pp.	Rev. 1980	
	Martha Richardson, Linda P. Posati, Barbara A. Anderson			
AH-8-8	Breakfast Cereals	160 pp.	Rev. 1982	
	Judith S. Douglass, Ruth H. Matthews, Fra-	nk N. Hepburn		
AH-8-9	Fruits and Fruit Juices	283 pp.	Rev. 1982	
	Susan E. Gebhardt, Rena Cutrufelli, Ruth H. Matthews			
AH-8-10	Pork Products	206 pp.	Rev. 1992	
	Barbara A. Anderson			

AH-8-11	Vegetable and Vegetable Products	502 pp.	Rev. 1984
	David B. Haytowitz, Ruth H. Matthews	400	D 1001
AH-8-12	Nut and Seed Products	137 pp.	Rev. 1984
	Marie A. McCarthy, Ruth H. Matthews		
AH-8-13	Beef Products	412 pp.	<b>R</b> ev. 1990
	Barbara A. Anderson, I. Margaret Hoke		
AH-8-14	<u>Beverages</u>	173 pp.	Rev. 1986
	Rena Cutrufelli, Ruth H. Matthews		
<b>AH-</b> 8-15	Finfish and Shellfish Products	192 pp.	Rev. 1987
	Jacob Exler		
AH-8-16	Legumes and Legume Products	156 pp.	Rev. 1986
	David B. Haytowitz, Ruth H. Matthews		
AH-8-17	Lamb, Veal, and Game Products	251 pp.	Rev. 1989
	Barbara A. Anderson		
AH-8-18	Baked Products	467 pp.	Rev. 1992
	Jean E. Stewart, Junko Alice Tamaki	•	
AH-8-19	Snacks and Sweets	341 pp.	Rev. 1991
	Rena Cutrufelli, Pamela R. Pehrsson	• •	
AH-8-20	Cereal Grains and Pasta	137 pp.	Rev. 1989
	Dennis L. Drake, Susan E. Gebhardt, Ruth		
AH-8-21	Fast Foods	194 pp.	Rev. 1988
	Lynn E. Dickey, John L. Weihrauch	• •	
AH-8	1989 Supplement	101 pp.	Rev. 1990
AH-8	1990 Supplement	230 pp.	Rev. 1991
AH-8	1991 Supplement	183 pp.	Rev. 1992
	account to the second s	TOO PP.	100.1772

Calories and Your Weight: The USDA Pocket Guide. Rev. U.S. Department of Agriculture. Agricultural Information Bulletin No. 364. 1990. 114 pp.

Nutritive Value of Foods. Rev. U.S. Dept. of Agriculture, Home and Garden Bulletin No. 72. 1991. 72 pp.

Sugar Content of Selected Foods: Individual and Total Sugars. Ruth H. Matthews, Pamela R. Pehrsson, and Mojgan Farhat-Sabet. U.S. Department of Agriculture. Home Economics Research Report No. 48. 1987. 39 pp.

All provisional tables are available from Nutrient Data Research Branch, Federal Bldg., 6505 Belcrest Rd., Hyattsville, MD 20782. (301)436-8491.

Provisional Table on Percent Retention of Nutrients in Food Preparation. Slightly rev. Sharon L. Garland. April 1984.

HNIS/PT-103 Provisional Table on the Content of Omega-3 Fatty Acids and Other Fat Components in Selected Foods. Slightly rev. Jacob Exler and John L. Weihrauch. May 1986.

HNIS/PT-101 Provisional Table on the Fatty Acid and Cholesterol Content of Selected Foods. Rev. John L. Weihrauch. 1988.

HNIS/PT-108 Provisional Table on the Vitamin D Content of Foods. John L. Weihrauch and Junko Tamaki. Oct. 1991.

HNIS/PT-104 Provisional Table on the Vitamin K Content of Foods. Rev. John L. Weihrauch and Shanthy A. Bowman. June 1990.

HNIS/PT-109 Provisional Table on the Selenium Content of Foods. Susan E. Gebhardt and Joanne M. Holden. Dec. 1992.

## Journal Articles (in alphabetical order)

"Cereal: breakfast food or nutritional supplement?" Consumer Reports, 54 (10): 638-643. 1989.

"Comparison of six microcomputer dietary analysis systems with the USDA nutrient data base for standard reference." David C. Nieman, et al. Journal of the American Dietetic Association, 92:48-56. 1992.

"More than 100 frozen dinners worth heating." Tufts University Diet & Nutrition Letter, 8 (2): 3-6. 1990.

"Nutrient data banks-their role in nutrition today." Special report on a symposium sponsored by the American Association of Cereal Chemists Nutrition Division at the AACC's 74th Annual Meeting in Washington, DC, October 1989. Cereal Foods World, 35(7): 653-659. 1990.

"Problems in nutritional analysis." J. O'Brien. Trends in Food Science Technology, 2 (11): 283-285. 1991.

"Where's the fat?" Consumer Reports, 55 (3): 158-159. 1990.

"Yogurt: diet food or dessert?" Consumer Reports, 56 (5): 323-325. 1991.

### **Contacts for Assistance**

<u>Local Contacts</u> (Listed in the telephone directory)

Ask for the:

College or University
Dept. of Home Economics,
Dietetics, Food Science or Nutrition ......Instructor

#### National Contacts

Food and Nutrition Information Center, National Agricultural Library, USDA, 10301 Baltimore Blvd., Room 304, Beltsville, MD 20705. (301) 504-5414.

Food companies, grocery chains, and restaurant franchises - contact the companies consumer affairs department concerning nutrient and energy (caloric) content of their products. Check food labels for addresses.

Nutrient Data Research Branch, Nutrition Monitoring Division, Human Nutrition Information Service, U.S. Department of Agriculture, Rm. 315 Federal Bldg., 6505 Belcrest Rd., Hyattsville, MD 20782. Telephone: (301) 436-8491.

Penn State Nutrition Center, The Pennsylvania State University, Ruth Building, 417 E. Calder Way, University Park, PA 16801-5663. (814) 865-6323.

Nutrient Data Bank Bulletin Board. A service maintained by USDA-HNIS to provide information on its publications and data files. A number of data files are also available for downloading. You need a Personal Computer (PC), a modem, and a communications package. The phone number is (301) 436-5078. The information and data files on the Bulletin Board are also available through Internet. To access the data through Internet type:

#### telnet info.umd.edu

at your system prompt. The logon ID is info, press return or enter when prompted for the password. Food composition data is under NutrientData in the Government directory under US in the Info menu system.

# Acknowledgements are made to the following reviewers:

- Grace J. Petot, M.S. Case Western Reserve University, Dept. of Nutrition, Cleveland, OH 44106-4906.
- Phyllis Stumbo, Ph.D. Clinical Research Center, University of Iowa, 157 MRF, Iowa City, IA 52242
- Gary Beecher, Ph.D. USDA-ARS, Nutrient Composition Lab, BARC-East, Beltsville, MD 20705

This Nutri-Topics was compiled by David B. Haytowitz
Nutritionist, Human Nutrition Information Service 1992